east 8 USPT USPB, WPID, JPO

L Number	Hits	Search Text	DB	Time stamp
1	214689	sphere? or spheric$	USPAT; US-PGPUB	2004/06/09 18:06
2	429078	hollow	USPAT; US-PGPUB	2004/06/09 18:06
3	299232	electrode? or wiring?	USPAT; US-PGPUB	2004/06/09 18:07
4	143063	floating	USPAT; US-PGPUB	2004/06/09 18:07
5	43007	floats or floated	USPAT; US-PGPUB	2004/06/09 17:53
6	282310	sensor?	USPAT; US-PGPUB	2004/06/09 18:07
7	2351405	etch$ or strip$ or remov$ or patern$	USPAT; US-PGPUB	2004/06/09 18:07
8	116020	sacrific$	USPAT; US-PGPUB	2004/06/09 18:08
9	10971	(sphere? or spheric$) with hollow	USPAT; US-PGPUB	2004/06/09 17:54
10	939	floating with (sphere? or spheric$)	USPAT; US-PGPUB	2004/06/09 17:54
11	80	(electrode? or wiring?) same ((sphere? or spheric$) with hollow)	USPAT; US-PGPUB	2004/06/09 17:54
12	19	(electrode? or wiring?) same (floating with (sphere? or spheric$))	USPAT; US-PGPUB	2004/06/09 17:54
13	347	(sphere? or spheric$) with (floats or floated)	USPAT; US-PGPUB	2004/06/09 17:54
14	5	((sphere? or spheric$) with (floats or floated)) same (electrode? or wiring?)	USPAT; US-PGPUB	2004/06/09 17:55
15	98	((electrode? or wiring?) same ((sphere? or spheric$) with hollow)) or ((electrode? or wiring?) same (floating with (sphere? or spheric$))) or (((sphere? or spheric$) with (floats or floated)) same (electrode? or wiring?))	USPAT; US-PGPUB	2004/06/09 17:55
17	0	(((electrode? or wiring?) same ((sphere? or spheric$) with hollow)) or ((electrode? or wiring?) same (floating with (sphere? or spheric$))) or (((sphere? or spheric$) with (floats or floated)) same (electrode? or wiring?))) same sacrific$	USPAT; US-PGPUB	2004/06/09 17:55
19	543203	disolv$ or dissolv$	USPAT; US-PGPUB	2004/06/09 18:08
20	0	(((electrode? or wiring?) same ((sphere? or spheric$) with hollow)) or ((electrode? or wiring?) same (floating with (sphere? or spheric$))) or (((sphere? or spheric$) with (floats or floated)) same (electrode? or wiring?))) same (disolv$ or dissolv$)	USPAT; US-PGPUB	2004/06/09 17:56
16	7	(((electrode? or wiring?) same ((sphere? or spheric$) with hollow)) or ((electrode? or wiring?) same (floating with (sphere? or spheric$))) or (((sphere? or spheric$) with (floats or floated)) same (electrode? or wiring?))) same (etch$ or strip$ or remov$ or patern$)	USPAT; US-PGPUB	2004/06/09 17:58
21	84	(((sphere? or spheric$) with hollow) or (floating with (sphere? or spheric$))) and (216.clas. or 438.clas.)	USPAT; US-PGPUB	2004/06/09 17:59
22	5	((sphere? or spheric$) with (floats or floated)) and (216.clas. or 438.clas.)	USPAT; US-PGPUB	2004/06/09 17:59
23	87	((((sphere? or spheric$) with hollow) or (floating with (sphere? or spheric$))) and (216.clas. or 438.clas.)) or (((sphere? or spheric$) with (floats or floated)) and (216.clas. or 438.clas.))	USPAT; US-PGPUB	2004/06/09 17:59
24	24	sacrific$ and (((((sphere? or spheric$) with hollow) or (floating with (sphere? or spheric$))) and (216.clas. or 438.clas.)) or (((sphere? or spheric$) with (floats or floated)) and (216.clas. or 438.clas.)))	USPAT; US-PGPUB	2004/06/09 18:02

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25	63	(((((sphere? or spheric$) with hollow) or (floating with (sphere? or spheric$))) and (216.clas. or 438.clas.)) or (((sphere? or spheric$) with (floats or floated)) and (216.clas. or 438.clas.))) not (sacrific$ and (((((sphere? or spheric$) with hollow) or (floating with (sphere? or spheric$))) and (216.clas. or 438.clas.)) or (((sphere? or spheric$) with (floats or floated)) and (216.clas. or 438.clas.))))	USPAT; US-PGPUB	2004/06/09 18:02
26	123684	sphere? or spheric$	JPO; DERWENT	2004/06/09 18:06
27	350762	hollow	JPO; DERWENT	2004/06/09 18:06
28	405460	electrode? or wiring?	JPO; DERWENT	2004/06/09 18:07
29	173611	floating or floats or float or floated	JPO; DERWENT	2004/06/09 18:07
30	178108	sensor?	JPO; DERWENT	2004/06/09 18:07
31	1942529	etch$ or strip$ or remov$ or patern$	JPO; DERWENT	2004/06/09 18:07
32	15577	sacrific$	JPO; DERWENT	2004/06/09 18:08
33	261216	disolv$ or dissolv$	JPO; DERWENT	2004/06/09 18:08
34	5672	(sphere? or spheric$) with hollow	JPO; DERWENT	2004/06/09 18:08
35	1494	(sphere? or spheric$) with (floating or floats or float or floated)	JPO; DERWENT	2004/06/09 18:08
36	5672	(sphere? or spheric$) with hollow or hollow with (sphere? or spheric$)	JPO; DERWENT	2004/06/09 18:09
37	7000	((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))	JPO; DERWENT	2004/06/09 18:09
38	35	sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))	JPO; DERWENT	2004/06/09 18:09
39	8	sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))	JPO; DERWENT	2004/06/09 18:09
40	662	(((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))	JPO; DERWENT	2004/06/09 18:09
41	43	(sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))	JPO; DERWENT	2004/06/09 18:09
42	2	((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) and ((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))))	JPO; DERWENT	2004/06/09 18:10
43	41	((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))) not (((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) and ((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))))	JPO; DERWENT	2004/06/09 18:15

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44	662	((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) not (((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))) not (((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) and ((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))))))	JPO; DERWENT	2004/06/09 18:15
46	33	(((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) not (((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))) not (((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) and ((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))))))) and (mems or micro or microm$ or microel$)	JPO; DERWENT	2004/06/09 18:19
47	240	(((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and (mems or micro or microm$ or microel$)	JPO; DERWENT	2004/06/09 18:19
48	3	((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and (mems or micro or microm$ or microel$)) and (electrode? or wiring?)	JPO; DERWENT	2004/06/09 18:20
49	83	floating with sphere?	JPO; DERWENT	2004/06/09 18:20

| 50 | 83 | (floating with sphere?) not ((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) and ((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))))) or (((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))))) not (((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) and ((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))))))) or ((((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) not (((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))))) not (((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and ((etch$ or strip$ or remov$ or patern$) or (disolv$ or dissolv$))) and ((sensor? and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))) or (sacrific$ and (((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated)))))))))) and (mems or micro or microm$ or microel$)) or (((((sphere? or spheric$) with hollow) or ((sphere? or spheric$) with (floating or floats or float or floated))) and (mems or micro or microm$ or microel$)) and (electrode? or wiring?))) | JPO; DERWENT | 2004/06/09 18:20 |

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STN °Caplus

(FILE 'HOME' ENTERED AT 17:45:31 ON 09 JUN 2004)

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       FILE 'CAPLUS' ENTERED AT 17:45:38 ON 09 JUN 2004
L1          466 S  FLOAT?(10A)SPHER?
L2      1777812 S  ETCH? OR REMOV? OR STRIP? OR PATERN? OR DISOLV? OR DISSOLV?
L3           40 S  L1 AND L2
L4            4 S  L1 AND SENSOR?
L5            0 S  L3 AND L4
L6            0 S  L3 AND SACRIF?
L7            0 S  L1 AND SACRIF?
L8           32 S  L3 NOT HOLLOW?
L9            8 S  L3 NOT (L8 OR L4)
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STN ° Caplus

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      FILE 'CAPLUS' ENTERED AT 17:09:06 ON 09 JUN 2004
L1     180769 S SPHERE? OR SPHERIC?
L2      61212 S HOLLOW?
L3     599427 S ELECTRODE?
L4        105 S L1 AND L2 AND L3
L5          8 S L4 AND SENSOR?
L6         29 S L1 AND L2 AND SENSOR?
L7         21 S L6 NOT L5
L8       3275 S L1(10A)L2
L9         63 S L8 AND (WIRING OR L3)
L10        57 S L9 NOT (L5 OR L6)
L11       108 S L1 AND L2 AND (L3 OR WIRING?)
L12        43 S L11 NOT (L9 OR L5 OR L6)
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(FILE 'HOME' ENTERED AT 12:56:45 ON 09 JUN 2004)

FILE 'CAPLUS' ENTERED AT 12:56:53 ON 09 JUN 2004
L1   222796 S SPHER?

                                  STN Columbus

L2   2050357 S MEMS OR MICRO?
L3   42284 S L1 AND L2
L4   1403795 S ETCH? OR REMOV? OR PATERN? OR STRIP?
L5   2553 S L3 AND L4
L6   12 S SACRIFIC? AND L5
L7   2541 S L5 NOT L6
L8   1 S L7 AND (MICROMOTOR? OR MOTOR)
L9   3 S L7 AND (ROTOR? OR STATOR?)
L10   4 S L8 OR L9
L11   2537 S L7 NOT L10
L12   624 S L11 AND (MEMS OR MICRO OR MICROSTRUCTUR? OR MICROMACHIN? OR M
L13   1897 S L11 AND (SPHERE? OR SPHERICAL?)
L14   457 S L12 AND L13
L15   504 S L13 AND (SI OR SIO2 OR SIO OR POLY OR SILICON OR POLYSI?)
L16   18 S L13 AND SENSOR?
L17   8 S L16 AND L14
L18   10 S L16 NOT L17
L19   496 S L15 NOT L16
L20   496 S L19 NOT MICRSCOP?
                 SAVE ETCHL20/A L20
L21   1200 S L13 NOT (L17 OR L16 OR MICROSCOP?)
L22   868 S L21 NOT L20
L23   0 S L19 AND L22
L24   332 S L20 AND L21
                 SAVE ETCHL22/A L22
                 SAVE ETCHL24/A L24